



RE: Illinois CAFO program report 
Julianne Socha to: Sofat, Sanjay

10/26/2012 11:14 AM

Hi Sanjay,

Here's what I've been able to find so far. According to WDNR, Wisconsin NR 243 definition of frozen ground was both a practical consideration and one based on risk associated with a temporary frozen soil condition, typically associated with an overnight frost. The technical advisory committee working on the revisions to NR 243 decided that a ½ inch was deemed to be a low-risk condition, whereby spreading equipment could get out on land and minimize soil compaction (a good thing) while the application of the manure and/or warming daytime temperatures would rapidly remove the frozen condition and minimize the potential for runoff. Beyond the ½ inch, the frozen condition was believed to be more permanent and couldn't be rapidly dissipated, or was indicative of more permanent frozen conditions.

UW-Discovery Farms' work regarding concrete frost also provides support for a higher risk of runoff associated with frozen conditions at lesser soil depths from the surface. Here's a link to UW-Discovery Farms. <http://fyi.uwex.edu/discoveryfarms/2012/01/concrete-frost-formation-and-implications/>

Illinois EPA may want to contact Tom Bauman at WDNR or Discovery Farms directly to find out if they have available data that could be shared with Illinois EPA.

If I find any additional information I'll forward it to you.

julianne

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"Sofat, Sanjay"

Julianne- I was wondering if you could help me...

10/19/2012 03:03:44 PM

From: "Sofat, Sanjay" <Sanjay.Sofat@Illinois.gov>
To: Julianne Socha/R5/USEPA/US@EPA,
Date: 10/19/2012 03:03 PM
Subject: RE: Illinois CAFO program report

Julianne- I was wondering if you could help me with this issue. Do you have access to data/research that would show that runoff potential from ½ inch frozen ground would be far less than 2 inches of frozen ground? Thanks,

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From: Socha.Julianne@epamail.epa.gov [mailto:Socha.Julianne@epamail.epa.gov]
Sent: Friday, October 19, 2012 12:44 PM
To: Willhite, Marcia
Cc: Sofat, Sanjay
Subject: Re: Illinois CAFO program report

yes, there will still be a progress report and a public informational meeting however, it is no longer being planned to coincide with the public hearing on the NPDES permit for surface discharging private sewage disposal systems.

As soon as details regarding the public informational meeting are available I will share them with you.

▼ "Willhite, Marcia" ---10/19/2012 12:39:43 PM---There was mention over the past year of doing a public meeting on the Illinois CAFO program to coincide

From: "Willhite, Marcia" <Marcia.Willhite@Illinois.gov>
To: Julianne Socha/R5/USEPA/US@EPA,
Cc: "Sofat, Sanjay" <Sanjay.Sofat@Illinois.gov>
Date: 10/19/2012 12:39 PM
Subject: Illinois CAFO program report

There was mention over the past year of doing a public meeting on the Illinois CAFO program to coincide with the public hearing on the NPDES permit for surface discharging private sewage disposal systems (scheduled for Nov. 1). Is that still the plan?

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